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Total Number of Pages in This Submission

Application Number	10/601,048
Filing Date	June 20, 2003
First Named Inventor	CHERNYAK, DIMITRI
Art Unit	3737
Examiner Name	Sanders
Attorney Docket Number	018158-021800US

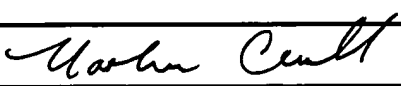
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Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Nathan S. Cassell		
Date	December <u>10</u> , 2004	Reg. No.	42,396

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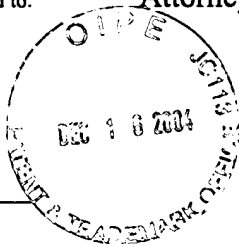
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TOWNSEND and TOWNSEND and CREW LLP

By:

Tiffany Wu



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DIMITRI CHERNYAK et al.

Application No.: 10/601,048

Filed: June 20, 2003

For: WAVEFRONT
RECONSTRUCTION USING FOURIER
TRANSFORMATION AND DIRECT
INTEGRATION

Examiner: Sanders

Art Unit: 3737

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

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Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

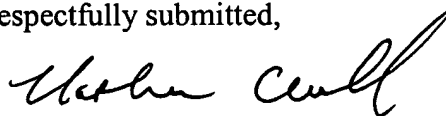
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representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Nathan S. Cassell
Reg. No. 42,396

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60374862 v1

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

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Examiner Name	Sanders
Attorney Docket Number	018158-021800US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	1	3,936,160		02-03-1976	Von Bieren	
	2	4,665,913		05-19-1987	L'Esperance, Jr.	
	3	5,144,630		09-01-1992	Lin	
	4	5,220,360		06-15-1993	Verdooner et al.	
	5	5,233,517		08-03-1993	Jindra	
	6	5,520,679		05-28-1996	Lin	
	7	5,646,791		07-08-1997	Glockler	
	8	5,683,379		11-04-1997	Hohla	
	9	5,713,892		02-03-1998	Shimmick	
	10	5,737,059		04-07-1998	Tanaka	
	11	5,742,626		04-21-1998	Mead et al.	
	12	5,782,822		07-21-1998	Telfair et al.	
	13	5,818,957		10-06-1998	Mammone	
	14	5,936,720		08-10-1999	Neal et al.	
	15	6,004,313		12-21-1999	Shimmick et al.	
	16	6,090,102		07-18-2000	Telfair et al.	
	17	6,095,651		08-01-2000	Williams et al.	
	18	6,199,986		03-13-2001	Williams et al.	
	19	6,271,915		08-07-2001	Frey et al.	
	20	6,184,974 B1		02-06-2001	Neal et al.	
	21	6,299,311 B1		10-09-2001	Williams et al.	
	22	6,331,059 B1		12-18-2001	Kudryashov et al.	
	23	2002/0027640 A1		03-07-2002	Campin	
	24	2002/0097376 A1		07-25-2002	Applegate et al.	
	25	2002/0097377 A1		07-25-2002	Kudryashov et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	26	WO	92/01417		02-06-1992	Horwitz		<input type="checkbox"/>
	27	WO	02/19901		02-14-2002	Van Den Berg et al.		<input type="checkbox"/>
	28	WO	02/30273		04-18-2002	Williams et al.		<input type="checkbox"/>
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60374862 v1

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		Application Number	10/601,048		
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		Art Unit	3737		
		Examiner Name	Sanders		
Sheet	2	of	2	Attorney Docket Number	018158-021800US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	29	Guirao, A. and Artal, P., "Corneal wave aberration from videokeratography: Accuracy and limitations of the procedure," JOSA, Vol. 17, No. 6 (2000).	
	30	Hamam, Habib "A Quick Method for Analyzing Hartmann-Shack Patterns: Application to Refractive Surgery" J. of Refr. Surg., Vol. 16 (Sept/Oct 2000), pp. S636-642.	
	31	Ishkander et al., "An Alternative Polynomial Representation of the Wavefront Error Function," IEEE Transactions on Biomedical Engineering, Vol. 49, No. 4, (2002).	
	32	Ishkander et al., "Modeling of Corneal Surfaces With Radial Polynomials," Invest Ophthalmol Vis Sci;43: E-Abstract, (2002), downloaded on 11-19-04 from <<http://abstracts.iovs.org/cgi/content/abstract/43/12/1898?maxtoshow=&HITS=10&RESUTLF...>>, 1 page total.	
	33	Klein, Stanley A. et al. "Line of Sight and Alternative Representations of Aberrations of the Eye" J. of Refr. Surg., Vol. 16 (Sept/Oct 2000), pp. S630-635.	
	34	Liang et al., in Objective Measurement of Wave Aberrations of the Human Eye with the Use of a Harman-Shack Wave-front Sensor, Journal Optical Society of America, Jul. 1994, vol. 11, No. 7, pp. 1-9.	
	35	Roddier and C. Roddier, "Wavefront reconstruction using iterative Fourier transforms," Applied Optics, 30:11 1325-1327 (1991).	
	36	Schweigerling, J., and Grievinkamp, J.E., "Using corneal height maps and polynomial decomposition to determine corneal aberrations," Opt. Vis. Sci., Vol. 74, No. 11 (1997)	
	37	Thibos, Larry N. "Wavefront Data Reporting and Terminology" J. of Refr. Surg. Vol. 17 (Sept/Oct 2001) pp. S578-583.	

Examiner Signature		Date Considered	
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